

Guidance Document – Missouri

Landuse: Forestland

Problems/Concerns . . .

- ✓ low turkey populations
- ✓ no oak reproduction
- ✓ erosion on old logging trails
- ✓ overstocked stand – basal area 120 sq. ft.
- ✓ sediment and gravel reaching stream
- ✓ periodic uncontrolled livestock grazing

Resource Setting . . .

- ✓ southeast Missouri – MLRA 116A
- ✓ deep, gravelly limestone soils with clayey subsoil on steep uplands
- ✓ oak-maple-ash-hickory overstory
- ✓ woodland suitability group 3F5
- ✓ Site index: black oak 60
- ✓ first order stream along south tract boundary

Concerns:

*Classic
Gully*

*Restricted Stream
Capacity from Gravel*

*Decreased Forest
Productivity*

*Lack of
Wildlife Food*

*Inadequate
Wildlife Cover*

Alternative #1-RMS: This alternative will increase wildlife cover and food, improve water quality problems, control soil erosion, and correct overstocked forest stands.

666 - Forest Stand Improvement	0	0	++	+	+
645 - Wildlife Upland Habitat Management	0	+	0	++	++
472 - Use Exclusion	+	+	+	+	+
382 - Fence	F	F	F	F	F
655 - Forest Harvest Trails and Landings	++	++	0	+	+

Symbol Effect:: - Detrimental; 0 Negligible/Slight; + Beneficial; ++ Significant effect; F Facilitating